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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(h))

Attorney Docket No. 06192.0178.NPUS00

First Named Inventor or Application Identifier Sahng-Ik JUN S.

Title Thin Film Transistor Array Substrate For A Liquid Crystal
Display And Method For Fabricating The Same

Express Mail Label No. 1109/852647

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

- | | |
|---|--|
| <p>1. <input checked="" type="checkbox"/> *Fee Transmittal Form (Form PTO-1082)
(Submit an original and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 28]
(preferred arrangement set forth below) <ul style="list-style-type: none"> - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R&D - Reference to Microfiche Appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claims - Abstract of the Disclosure </p> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 24]</p> <p>4. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages 3]</p> <p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
<i>(Note Box 5 below)</i></p> <p>i. <input type="checkbox"/> DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named
in the prior application, see 37 CFR 1.63(d)(2) and
1.33(b).</p> <p>5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy
of the oath or declaration is supplied under Box 4b, is considered
as being part of the disclosure of the accompanying application
and is hereby incorporated by reference therein.</p> | <p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary) <ul style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy (identical to computer copy) c. <input type="checkbox"/> Statement verifying identity of above copies </p> |
|---|--|

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers (cover sheet & document(s))
9. 37 CFR 3.73(b) Statement Power of Attorney
(when there is an assignee)
10. English Translation Document (if applicable)
11. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
12. Preliminary Amendment
13. Return Receipt Postcard (MPEP 503) (Two)
(should be specifically itemized)
14. *Small Entity Statement(s) Statement filed in prior application, Status still proper and desired
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Other:

*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No. /

Prior Application Information: Examiner:

Group/Art Unit:

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label 22930
(Insert Customer No. or Attach bar code label here) or Correspondence address below

NAME	Michael J. Bell HOWREY SIMON ARNOLD & WHITE, LLP				
ADDRESS	Box No. 34 1299 Pennsylvania Avenue, N.W.				
	Washington	STATE	DC	ZIP CODE	20004-2402
CITY	US	TELEPHONE	202-783-0800	FAX	202-383-7195
Name (Print/Type)	Michael J. Bell		Registration No. (Attorney/Agent)	39,604	
Signature	<i>Daniel J. Bellin (44,483) FOR</i>		Date	May 11, 2001	

HOWREY SIMON ARNOLD & WHITE, LLP
Box No. 34
1299 Pennsylvania Avenue, NW
Washington, DC 20004-2402
(202) 783-0800

Attorney Docket No. 06192.0178.NPUS00

ASSISTANT COMMISSIONER FOR PATENTS
 Washington, DC 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor: Sahng-Ik JUN

For: **THIN FILM TRANSISTOR ARRAY SUBSTRATE FOR A LIQUID CRYSTAL
CRYSTAL DISPLAY AND METHOD FOR FABRICATING THE SAME**

Enclosed is a new application comprising:

- A specification containing: 20 pages of description prior to the claims; 7 pages of claims (34 claims); a one (1) page abstract; 24 sheets of drawings (Figures 1, 2, 3A, 3B, 4A, 4B, 5A, 5B, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18A, 18B, 19A and 19B)
- PTO SB/05

The filing fee has been calculated as shown below:

(Col. 1)	(Col. 2)	
FOR	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	34-20 =	* 14
INDEP. CLAIMS	3-3 =	* 0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED		

*If the difference in Col. 1 is less than zero, enter "0" in Col. 2

SMALL ENTITY		OTHER THAN A SMALL ENTITY	
RATE	TOTAL	RATE	FEE
x 9 =		x 18 =	252.00
x 39 =		x 80 =	
+ 130 =		+ 270 =	
		TOTAL	\$ 962.00

- A check in the amount of \$962.00 to cover the filing fee and extra claims fee is enclosed.
- The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 08-3038 referencing docket number 06192.0178.NPUS00. *A copy of this sheet is enclosed.*
- Any patent application processing fees under 37 CFR 1.17
- Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Date May 11, 2001

Michael J. Bell (44,483)
 For Michael J. Bell
 Registration No. 39,604

May 11, 2001



Box New Applications
Assistant Commissioner for Patents
Washington, DC 20231

Re: New Utility Non-Provisional U.S. Patent Application
Application No. **TO BE ACCORDED** Filed **HEREWITH**
Title: **THIN FILM TRANSISTOR ARRAY SUBSTRATE FOR A**
LIQUID CRYSTAL DISPLAY AND METHOD FOR FABRICATING THE SAME
Inventor: **Sahng-Ik JUN**
Our Ref: **06192.0178.NPUS00**

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. Form PTO SB/05;
2. Form PTO 1082;
3. U.S. Utility Patent Application entitled:

**THIN FILM TRANSISTOR ARRAY SUBSTRATE FOR A LIQUID
CRYSTAL DISPLAY AND METHOD FOR FABRICATING THE SAME**

and naming as inventors: **Sahng-Ik JUN**

the application consisting of:

a. A specification containing:

- (i) 20 pages of description prior to the claims;
- (ii) 7 pages of claims (34 claims);
- (iii) a one (1) page abstract;

b. 24 sheets of drawings: (**Figures 1, 2, 3A, 3B, 4A, 4B, 5A, 5B, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18A, 18B, 19A and 19B**)

Box New Applications
Attorney Docket No. 06192.0178.NPUS00
May 11, 2001
Page 2

4. Executed Declaration-Power of Attorney;
5. PTO 1595, Executed Assignment and Check No. 352760 in the amount of \$40.00 to cover recordation fee;
6. Claim to Priority and certified copy of Korean Patent Application No. 2000-25466 dated May 12, 2000;
7. Check No. 352759 in the amount of \$962.00 to cover the basic application filing and extra claims fees;
8. Two (2) return postcards

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, and/or credit our Deposit Account No. 08-3038 referencing docket number 06192.0178.NPUS00. *A duplicate of this letter is enclosed.*

Respectfully submitted,

Derek J. Jandien (44,483)

FOR Michael J. Bell
Registration No. 39,604

Enclosures